

M11W Handheld Thermography Camera



HIKMICRO M11W handheld thermography camera is specially designed for professional inspections of large objects where a wider FOV captures more of the scene in one picture. It's equipped with a 192 × 144 resolution thermal detector, 37.5° x 27.9° fixed focus lens, and an 8MP resolution visual camera. The high resolution 3.5-inch touch screen displays crisp, clear images and streamlines camera operations. Imaging modes include thermal, visual, picture in a picture of the optical and thermal view, and fusion of both channels. The M11W quickly identifies potential faults and quantifies the impact with accurate temperature measurement, provides detailed documentation to complete your inspections efficiently.

#### **Key Features**

- High sensitivity thermal module with 192 × 144 resolution
- Supports multiple palettes
- High quality optical module with 8 MP resolution
- Bi-spectrum image fusion, picture-in-picture preview
- Wide temperature measurement range: -20 550° C
- High temperature measurement accuracy: Max. (± 2°C/3.6°F, ± 2%), for ambient temperature 15°C to 35°C (59°F to 95°F) and object temperature above 0°C (32°F)
- 640 x 480 resolution 3.5" LCD touch display
- Long-distance laser light supplement for thermography targets
- LED light supplement makes the device a torch in required scenarios
- 1.0x to 8.0x continuous digital zoom
- Supports remote album access, download and quick report with APP.

# Specification

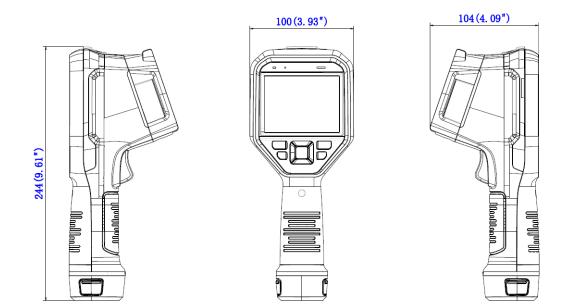
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Image Storage CapacityApprox. 60,000 ImagesAnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 15 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C	Data Storage and Communicat	ion
AnnotationsVoice note: max. 60 seconds; Text note: max. 200 charactersVideo Storage CapacityApprox. 15 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C	Storage Media	Removable 32 GB Micro SD Card
AnnotationsText note: max. 200 charactersVideo Storage CapacityApprox. 15 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C	Image Storage Capacity	Approx. 60,000 Images
Text note: max. 200 charactersVideo Storage CapacityApprox. 15 hoursVideo File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C	Annotations	Voice note: max. 60 seconds;
Video File FormatMP4 videoGeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C		Text note: max. 200 characters
GeneralWi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C	Video Storage Capacity	Approx. 15 hours
Wi-Fi802.11 b/g/n (2.4 GHz and 5 GHz)BluetoothBluetooth 4.2USB InterfaceUSB Type-C	Video File Format	MP4 video
Bluetooth Bluetooth 4.2   USB Interface USB Type-C	General	
USB Interface USB Type-C	Wi-Fi	802.11 b/g/n (2.4 GHz and 5 GHz)
	Bluetooth	Bluetooth 4.2
LED Light Yes	USB Interface	USB Type-C
	LED Light	Yes

Laser	Yes, Class II, Wavelength: 635 nm; Power: < 1 mW
Battery Type	Interchangeable and rechargeable Li-ion battery
Battery Operating Time	Approx. 6 hours
Battery Charging Time	Approx. 4 hours fully charged
Protection Level	IP54
Drop Test Height	2 m (6.56 ft)
Safety	IEC 61010-1
EMC	EN 50130-4, EN 55032, EN IEC 61000-3-2, EN 61000-3-3
Vibration	1 g, IEC 60068-2-6
Shock	15 g, IEC 60068-2-27
Working Temperature Range	-10°C to 50°C (-4°F to 122°F)
Storage Temperature Range	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	< 95% non-condensing
Weight	Approx. 660g (1.46 lb)
Dimension	244 × 100 × 104 mm (9.6 × 3.9 × 4.1 in)
Tripod Mounting	UNC ¼"-20

## Available Model

M11W

## Dimension



#### Optional Accessories



M Series Battery E097-13-1S1P26650



M Series Charging Base

HM-5202ZC



Tripod Mounting Bracket HM-2925ZJ-TM01-BRACKET



M/G/SP Series Pouch HM-SP01-POUCH

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.



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\*Note: Specifications are subject to change without notice. For the current specs, please go to www.hikmicrotech.com